Amendments to the claims:

1. (previously presented) A compound of formula (I) below:

wherein:

R¹ is hydrogen, azido, halogen, C_{1.5} alkoxy, hydroxy, C_{1.5} alkyl, C_{2.5} alkenyl, cyano, nitro, R⁷R⁸N, C_{2.8} acyl, R⁹OC=O, R¹⁰R¹¹NC=O, or R¹⁰R¹¹NSO₂; or R¹ is taken together with W as described below:

 R^2 is hydrogen, halogen, $C_{1.5}$ alkoxy, $C_{1.5}$ alkyl, $C_{2.5}$ alkenyl, $C_{1.5}$ haloalkyl, cvano, or $R^{48}R^{49}N$;

each of R³ and R⁴ is independently hydrogen or C₁₋₅ alkyl;

R⁵ and R⁶ are taken together to form pyridinyl or a 5-membered carbocyclic ring or 7- membered carbocyclic ring, which ring may be unsaturated or aromatic, and each of said pyridinyl, 5-membered ring and 7-membered ring may be optionally substituted with between one and three substituents independently selected from halo, cyano, amino, nitro, R⁴⁰, R⁴⁰O-, R⁴⁰O(C-S)-, R

R⁴⁰ is H, C _{1.5} alkyl, C_{2.5} alkenyl, phenyl, benzyl, phenethyl, C _{1.5} heterocyclyl, (C _{1.5} heterocyclyl)C _{1.5} alkylene, amino, or mono- or di(C _{1.5} alkyl)amino, or R⁵⁸OR⁵⁹-, wherein R⁵⁸ is H, C _{1.5} alkyl, C _{2.5} alkenyl, phenyl, benzyl,

- phenethyl, C $_{1.5}$ heterocyclyl, or (C $_{1.5}$ heterocyclyl)C $_{1.6}$ alkylene and R⁵⁹ is C $_{1.5}$ alkylene, phenylene, or divalent C $_{1.5}$ heterocyclyl; and
- R⁶² can be H in addition to the values for R⁴⁰;
- R^7 is hydrogen, $C_{1.5}$ alkyl, $C_{3.5}$ alkenyl, phenyl, naphthyl, $C_{1.5}$ heterocyclyl, $C_{2.8}$ acyl, aroyl, $R^{27}OC=O$, $R^{28}R^{29}NC=O$, $R^{27}SO$, $R^{27}SO_2$, or $R^{28}R^{29}NSO_2$;
- R⁸ is hydrogen, C₁₋₅ alkyl, C₃₋₅ alkenyl, phenyl, or C₁₋₅ heterocyclyl; alternatively, R⁷ and R⁸ can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated unsaturated or aromatic:
- R⁹ is C₁₋₅ alkyl, phenyl, naphthyl, or C ₁₋₅ heterocyclyl;
- $$\begin{split} R^{21} &\quad \text{is hydrogen, C}_{1.5} \text{ alkyl, C}_{3.5} \text{ alkenyl, phenyl, naphthyl, C}_{1.5} \text{ heterocyclyl,} \\ &\quad \text{C}_{2.8} \text{ acyl, aroyl, R}^{30}\text{OC=O, R}^{31}\text{R}^{32}\text{NC=O, R}^{30}\text{SO, R}^{30}\text{SO}_2, \text{ or R}^{31}\text{R}^{32}\text{NSO}_2; \end{split}$$
- R²² is hydrogen, C₁₋₅ alkyl, C₃₋₅ alkenyl, phenyl, or C₁₋₅ heterocyclyl; alternatively, R²¹ and R²²can be taken together to form an optionally substituted 4- to 7-membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;
- each of R^{23} , R^{26} , R^{27} , R^{30} , R^{33} , R^{44} , R^{45} , and R^{50} is C_{1-5} alkyl, phenyl, naphthyl, or C_{1-5} heterocyclyl:
- R²⁴ is hydrogen, C_{1.5} alkyl, C_{3.5} alkenyl, phenyl, naphthyl, C_{1.5} heterocyclyl, C_{2.8} acyl, aroyl, R³³OC=O, R³⁴R³⁵NC=O, R³³SO, R³³SO₂, or R³⁴R³⁵NSO₂;
- R^{25} is hydrogen, $\mathsf{C}_{1.5}$ alklyl, $\mathsf{C}_{3.5}$ alkenyl, phenyl, or $\mathsf{C}_{1.5}$ heterocyclyl; alternatively, R^{24} and R^{25} can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated unsaturated or aromatic:
- each of R^{10} and R^{11} is independently hydrogen, $C_{1.5}$ alkyl, $C_{2.5}$ alkenyl, phenyl, or $C_{1.5}$ heterocyclyl; alternatively, R^{10} and R^{11} or can be taken together to form an optionally
 - alternatively, R¹⁰ and R¹¹ or can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;
- each of R^{28} , R^{29} , R^{31} , R^{32} , R^{34} , R^{35} , R^{46} , R^{47} , R^{51} and R^{52} is independently hydrogen, $C_{1.5}$ alkyl, phenyl, or $C_{1.5}$ heterocyclyl;

alternatively, R^{28} and R^{29} , R^{31} and R^{32} , R^{34} and R^{35} , R^{46} and R^{47} , or R^{51} and R^{52} , independently, can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated. unsaturated or aromatic:

- n is 1;
- G represents C₃₋₆ alkenediyl or C₃₋₆ alkanediyl, optionally substituted with hydroxy, halogen, C₁₋₅ alkyl, C₁₋₅ alkoxy, oxo, hydroximino, CO₂R⁶⁰, R⁵⁰R⁶¹NCO₂, (L)-C ₁₋₄ alkylene-, (L)-C₁₋₅ alkoxy, N₃, or [(L)-C ₁₋₅ alkylene]amino;
- each of R⁶⁰ and R⁶¹ is independently hydrogen, C₁₋₅ alkyl, C₃₋₅ alkenyl, phenyl, benzyl, phenethyl, or C₁₋₅ heterocyclyl; alternatively R⁶⁰ and R⁶¹, can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic;
- L is amino, mono- or di-C₁₋₅ alkylamino, pyrrolidinyl, morpholinyl, piperidinyl homopiperidinyl, or piperazinyl, where available ring nitrogens may be optionally substituted with C₁₋₅ alkyl, benzyl, C₂₋₅ acyl, C₁₋₅ alkylsulfonyl or C₁₋₅ alkyloxycarbonyl;
- X is nitrogen or R¹²C;
- Y is nitrogen or R¹³C;
- Z is nitrogen or R¹⁴C;
- $$\begin{split} R^{12} & \text{ is hydrogen, halogen, C}_{1.5} & \text{ alkoxy, C}_{1.5} & \text{ alkyl, C}_{2.5} & \text{ alkenyl, cyano, nitro,} \\ R^{21}R^{22}N, C_{2.8} & \text{ acyl, C}_{1.5} & \text{ haloalkyl, C}_{1.5} & \text{ heterocyclyl, (C}_{1.5} & \text{ heterocyclyl)C}_{1.5} \\ & \text{ alkylene, } & R^{23}OC=O, & R^{23}O(C=O)NH-, & R^{23}SO, & R^{22}NHCO-, \\ R^{22}NH(C=O)NH-, R^{23}(C_{1.4} & \text{ alkylene)NHCO-, R}^{23}SO_{2,} & \text{ or } R^{23}SO_{2}NH-; \end{split}$$
- R^{13} is hydrogen, halogen, $C_{1.5}$ alkoxy, $C_{1.5}$ alkyl, $C_{2.5}$ alkenyl, cyano, nitro, $R^{42}R^{43}N$, $C_{2.8}$ acyl, $C_{1.5}$ haloalkyl, $C_{1.5}$ heterocyclyl, $(C_{1.5}$ heterocyclyl) $C_{1.5}$ alkylene, $R^{44}OC=O$, $R^{44}O(C=O)NH$ -, $R^{44}SO$, $R^{43}NHCO$ -, $R^{43}NHCO$ -, $R^{44}SO$, $R^{43}SO$ -, $R^{44}SO$ -, $R^{44}S$
- R^{14} is hydrogen, halogen, $C_{1.5}$ alkoxy, $C_{1.5}$ alkyl, $C_{2.5}$ alkenyl, cyano, nitro, $R^{24}R^{25}N$, $C_{2.8}$ acyl, $C_{1.5}$ haloalkyl, $C_{1.5}$ heterocyclyl, ($C_{1.5}$ heterocyclyl) $C_{1.5}$ alkylene, $R^{26}OC=O$, $R^{26}O(C=O)NH$ -, $R^{26}SO$, $R^{25}NHCO$ -,

R²⁵NH(C=O)NH-, R²⁶(C ₁₋₄ alkylene)NHCO-, R²⁶SO₂, or R²⁶SO₂NH-;

Ar represents a monocyclic or bicyclic aryl or heteroaryl ring, optionally substituted with between 1 and 3 substituents selected from halogen, C₁₋₅ alkoxy, C₁₋₅ alkyl, C₂₋₅ alkenyl, cyano, azido, nitro, R¹⁵R¹⁶N, R¹⁷SO₂, R¹⁷S, R¹⁷SO, R¹⁷OC=O, R¹⁵R¹⁶NC=O, C₁₋₅ haloalkyl, C₁₋₅ haloalkoxy, C₁₋₅ haloalkylthio, and C₁₋₅ alkylthio;

R¹⁵ is hydrogen, C₁₋₅ alkyl, C₃₋₅ alkenyl, phenyl, benzyl, C₁₋₅ heterocyclyl, C₂₋₈ acyl, aroyl, R⁵³OC=O, R⁵⁴R⁵⁵NC=O, R⁵³S, R⁵³SO, R⁵³SO₂, or R⁵⁴R⁵⁵NSO₂;

R¹⁶ is hydrogen, C₁₋₅ alkyl, C₃₋₅ alkenyl, phenyl, benzyl, or C₁₋₅ heterocyclyl; alternatively, R¹⁵ and R¹⁶ can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated unsaturated or aromatic:

each of R¹⁷ and R⁵³ is C₁₋₅ alkyl, phenyl, or C ₁₋₅ heterocyclyl;

each of R^{54} and R^{55} is independently hydrogen, $C_{1.5}$ alkyl, $C_{2.5}$ alkenyl, phenyl, benzyl, or $C_{1.5}$ heterocyclyl;

alternatively, R^{54} and R^{55} can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated unsaturated or aromatic:

W represents SO₂, C=O, CHR²⁰, or a covalent bond; or W and R¹, taken together with the 6-membered ring to which they are both attached, form one of the following two formulae:

$$(1)(a) \qquad (1)(b)$$

wherein X_a is O, S, or N; and X_b is O, S or SO₂;

R²⁰ is hydrogen, C₁₋₅ alkyl, phenyl, benzyl, naphthyl, or C ₁₋₅ heterocyclyl;

- R⁴² is hydrogen, C_{1.5} alkyl, C_{3.5} alkenyl, phenyl, naphthyl, C_{1.5} heterocyclyl, C_{2.8} acyl, aroyl, R⁴⁵OC=O, R⁴⁶R⁴⁷NC=O, R⁴⁵SO, R⁴⁵SO₂, or R⁴⁶R⁴⁷NSO₂;
- R⁴³ is hydrogen, C₁₋₅ alkyl, C₃₋₅ alkenyl, phenyl, or C₁₋₅ heterocyclyl; alternatively, R⁴² and R⁴³can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated unsaturated or aromatic:
- R⁴⁴ is C₁₋₅ alkyl, C₂₋₅ alkenyl, phenyl, naphthyl, or C₁₋₅ heterocyclyl;
- R⁴⁸ is hydrogen, C_{1.5} alkyl, C_{3.5} alkenyl, phenyl, naphthyl, C_{1.5} heterocyclyl, C_{2.8} acyl, aroyl, R⁵⁰OC=O, R⁵¹R⁵²NC=O, R⁵⁰SO, R⁵⁰SO₂, or R⁵¹R⁵²NSO₂;
- R⁴⁹ is hydrogen, C₁₋₅ alkyl, C₃₋₅ alkenyl, phenyl, or C₁₋₅ heterocyclyl; alternatively, R⁴⁸ and R⁴⁹ can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated unsaturated or aromatic; and
- wherein each of the above hydrocarbyl or heterocarbyl groups, unless otherwise indicated, and in addition to any specified substituents, is optionally and independently substituted with between 1 and 3 substituents selected from methyl, halomethyl, hydroxymethyl, halo, hydroxy, amino, nitro, cyano, C ₁₋₅ alkyl, C ₁₋₅ alkoxy, -COOH, C ₂₋₆ acyl, [di(C ₁₋₄ alkyl)amino]C ₂₋₅ alkyl-NH-CO-, and C ₁₋₅ haloalkoxy;

or a pharmaceutically acceptable salt, ester, or amide thereof.

- 2. (original) A compound of claim 1, wherein R^1 is hydrogen, halogen, $C_{1.5}$ alkoxy, hydroxy, $C_{1.5}$ alkyl, cyano, nitro, R^7R^8N , $C_{2.8}$ acyl, or $R^{10}R^{11}NSO_2$.
- 3. (original) A compound of claim 2, wherein R^1 is halogen, cyano, nitro, $R^7 R^8 N$, or $R^{10} R^{11} NSO_2$.
 - 4. (original) A compound of claim 1, wherein R² is hydrogen.

- 5. (original) A compound of claim 1, wherein each of R^3 and R^4 is independently hydrogen or $C_{1:3}$ alkyl.
- 6. (original) A compound of claim 5, wherein one of $\ensuremath{\mathsf{R}}^3$ and $\ensuremath{\mathsf{R}}^4$ is hydrogen.
- 7. (original) A compound of claim 6, wherein each of $\ensuremath{\mathsf{R}}^3$ and $\ensuremath{\mathsf{R}}^4$ is hydrogen.

8. (cancelled)

- 9. (previously presented) A compound of claim 1, wherein R^5 and R^6 taken together form pyridinyl.
- 10. (previously presented) A compound of claim 1, wherein R^5 and R^6 taken together form pyridinyl, optionally N-substituted with $R^{40}O(C=O)(C=O)$, $R^{40}SO_2$, $R^{40}NHCO_2$, $R^{40}(C=O)$ or $R^{40}N(C=O)$ -.
- 11. (previously presented) A compound of claim 1, wherein each of R^7 , R^8 , R^{21} , R^{22} , R^{24} , and R^{25} is independently hydrogen or $C_{1.5}$ alkyl; or, independently, each of R^7 and R^8 , R^{21} and R^{22} , and R^{24} and R^{25} can be taken together to form an optionally substituted 4- to 7- membered heterocyclic ring, which ring may be saturated, unsaturated or aromatic.
- 12. (original) A compound of claim 11, wherein at least one of R^7 and R^8 , R^{21} and R^{22} , and R^{24} and R^{25} , taken together, is morpholinyl, piperidinyl, or pyrrolidinyl.
- 13. (previously presented) A compound of claim 1, wherein at least one of $R^9,\,R^{23},\,R^{26},$ and R^{27} is $C_{1:5}$ alkyl.

14. (original) A compound of claim 1, wherein G is C_{3-4} alkanediyl, optionally substituted with hydroxy, (L)- $C_{1.5}$ alkyloxy-, or [(L)- $C_{1.5}$ alkyloxe-]amino-.

- (original) A compound of claim 14, wherein G is C₃ alkanediyl, optionally substituted with hydroxy, (L)-C₁₋₅ alkyloxy-, or [(L)-C₁₋₅ alkylene]amino-.
 - 16. (original) A compound of claim 1, wherein X is nitrogen.
 - 17. (original) A compound of claim 1, wherein Y is CR¹³.
 - 18. (original) A compound of claim 1, wherein Z is CR¹⁴.
 - 19. (original) A compound of claim 18, wherein X is CH.
- 20. (previously presented) A compound of claim 1, wherein R^{12} is hydrogen, $R^{23}O(C=O)NH$ -, $R^{22}NH(C=O)NH$ -, $R^{23}SO_2NH$, $R^{23}SO_2$ or $R^{23}SO_2$, and R^{13} is hydrogen, $R^{44}O(C=O)NH$ -, $R^{43}NH(C=O)NH$ -, $R^{44}SO_2NH$, $R^{44}SO_2$.
- 21. (previously presented) A compound of claim 1, wherein R^{14} is hydrogen, halogen, $C_{1.5}$ alkoxy, $C_{1.5}$ alkyl, cyano, nitro, $R^{26}O(C=O)NH$ -, $R^{25}NH(C=O)NH$ -, $R^{26}SO_2NH$ or $R^{24}R^{25}N$.
- 22. (previously presented) A compound of claim 21, wherein R¹⁴ is halogen, R²⁶O(C=O)NH-, R²⁵NH(C=O)NH-, R²⁵SO₂NH or R²⁴R²⁵N.
- 23. (original) A compound of claim 1, wherein Ar represents a monocyclic ring, optionally substituted with between 1 and 2 substituents selected independently from halogen, $C_{1.5}$ alkyl, cyano, nitro, $R^{15}R^{16}N$, CF_3 and OCF_4 .
- 24. (previously presented) A compound of claim 23, wherein Ar is a six membered ring substituted with between 1 and 2 substituents selected from halo, CF₃, and OCF₃, said substitutent or substitutents being at the 4-position or at the

- 3- and 4-positions, respectively.
 - 25. (original) A compound of claim 1, wherein W is SO₂, C=O, or CHR²⁰.
 - 26. (original) A compound of claim 1, wherein W is a covalent bond.
- (original) A compound of claim 1, wherein W and R¹ taken together are formula (I)(a).
- 28. (original) A compound of claim 1, wherein W and \mathbb{R}^1 taken together are formula (I)(b).
- 29. (original) A compound of claim 1, wherein one of R^3 and R^4 is hydrogen; Ar represents a monocyclic ring, optionally substituted with between 1 and 2 substituents selected from halogen, $C_{1.5}$ alkyl, cyano, nitro, $R^{15}R^{16}N$, CF_3 and OCF_3 ; R^{12} is hydrogen, $R^{23}SO_2$ or $R^{23}SO_2$; R^{13} is hydrogen, $R^{44}SO_3$ or $R^{44}SO_2$; R^{14} is hydrogen, halogen, $C_{1.5}$ alkoxy, $C_{1.5}$ alkyl, cyano, nitro, or $R^{24}R^{25}N$; and G is $C_{3.4}$ alkanediyl, optionally substituted with hydroxy, $C_{1.5}$ alkyl, $(L)-C_{1.5}$ alkyloxy, or $[(L)-C_{1.5}$ alkylene]amino-.
- 30. (original) A compound of claim 1, wherein each of R^3 and R^4 is hydrogen; Ar represents a six membered ring, optionally substituted with between 1 and 2 substituents selected from halogen, C_{1-5} alkyl, cyano, nitro, $R^{15}R^{16}N$, CF_3 and OCF_3 ; R^{12} is hydrogen, $R^{23}SO_2$ or $R^{23}SO_2$; R^{13} is hydrogen, $R^{44}SO_2$, R^{14} is hydrogen, halogen, C_{1-5} alkoxy, C_{1-5} alkyl, cyano, nitro, or $R^{24}R^{25}N$; and G is G_3 alkanediyl, optionally substituted with hydroxy, (L)- G_{1-5} alkyloxy-, or (L)- G_{1-5} alkylamino.
 - 31. (original) A compound of claim 30 wherein Ar is phenyl.
 - 32. (original) A compound of claim 31, wherein W and R1 taken together

are formula (I)(b).

- 33. (original) A compound of claim 1, selected from:
- 1-[4-(2-Amino-6-chloro-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol :
- $1-[3-Chloro-2-(4-\{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-3-methyl-urea:$
- 1-[3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl]-piperazin-1-yl)-phenyl]-3-methyl-urea;
- 3-Amino-2-(4-[2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl]-piperazin-1-yl)-benzoic acid methyl ester;
- 3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenylamine;
- 1-[2-(4-[3-[3-(4-Bromo-phenyl)-5-methanesulfonyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl]-piperazin-1-yl)-3-chloro-phenyl]-3-methyl-urea;
- and 1-{3-[4-(2-Chloro-6-methanesulfonylamino-phenyl)-piperazin-1-yl]-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide .
- (previously presented) A compound of claim 1, selected from:
 [3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-carbamic acid methyl ester;
- 1-[3-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-propyl]-3-(4-bromo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide ;
 - 2-(4-{3-[5-Acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-

pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-3-nitro-benzoic acid methyl ester :

1-[4-(2-Chloro-6-nitro-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol :

 $2-(4-\{2-Hydroxy-3-\{3-(4-iodo-phenyl)-5-methanesulfonyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl\}-piperazin-1-yl)-benzonitrile\ ;$

3-(4-Bromo-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide;

2-(4-{3-[5-Acetyl-3-(4-iodo-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;

2-(4-{3-[3-(4-Chloro-3-methyl-phenyl)-5-methanesulfonyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile:

1-(3-(4-Chloro-3-methyl-phenyl)-1-{3-[4-(2,4-dimethyl-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

 $1-\{3-[4-(3,5-\text{Dichloro-pyridin-4-yl})-\text{piperazin-1-yl}]-\text{propyl}\}-5-\\ methane sulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c] pyridine:$

2-(4-{3-[5-Methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-piperazin-1-yl)-benzonitrile:

 $N-[3-Chloro-2-(4-\{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-methanesulfonamide:$

3-(3,4-Dichloro-phenyl)-1-(3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1.4.6.7-tetrahydro-pyrazolo[4.3-c]pyridine-5-carboxylic acid amide:

and 3-(4-Chloro-3-methyl-phenyl)-1-{3-[4-(2-cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide.

35. (previously presented) A compound of claim 1, selected from :

ester:

- 1-(3-(4-Chloro-phenyl)-1-{3-[4-(2-fluoro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- 1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;
- 1-{3-(4-Chloro-phenyl)-1-[2-methoxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;
- 1-[1-{2-Hydroxy-3-[4-(2-hydroxy-phenyl)-piperazin-1-yl]-propyl}-3-(4-iodo-phenyl)-1,4,6,7-letrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;
- 1-[1-[2-Hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yll-ethanone;
- 2-(4-{3-[5-Acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;
- 1-[1-[2-(2-Piperazin-1-yl-ethylamino)-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;
- 1-{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-iodo-phenyl)-
- 1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid tert-butyl ester;
- $1-\{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl\}-3-(4-iodo-phenyl)-1-\{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl\}-3-(4-iodo-phenyl)-1-\{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl\}-3-(4-iodo-phenyl)-1-\{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl\}-3-(4-iodo-phenyl)-1-\{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl\}-3-(4-iodo-phenyl)-1-\{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl\}-3-(4-iodo-phenyl)-1-\{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl\}-3-(4-iodo-phenyl)-1-\{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl\}-3-(4-iodo-phenyl)-1-\{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl\}-3-(4-iodo-phenyl)-1-\{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl]-3-(4-iodo-phenyl)-1-\{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl]-3-(4-iodo-phenyl)-1-\{3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl]-3-(4-iodo-phenyl)-1-(4$
- 1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide;
- Carbamic acid 1-[5-carbamoyl-3-(4-iodo-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-ylmethyl]-2-[4-(2-cyano-phenyl)-piperazin-1-yl]-ethyl ester;
- 1-{3-(3-Amino-4-chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1.4.6.7-tetrahydro-pyrazolo[4.3-c]oyridin-5-yl}-ethanone:
- (*R*)-1-(3-(4-Bromo-phenyl)-1-{3-[4-(5-chloro-2-methyl-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- 2-(4-{3-[5-Acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-clovridin-1-vll-2-fluoro-propyl}-piperazin-1-vl)-benzonitrile:
- (3-(4-Chloro-3-methyl-phenyl)-1-{3-[4-(2-cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1.4.6.7-tetrahydro-pyrazolol4.3-c|pyridin-5-yl}-oxo-acetic acid methyl
- 5-Methanesulfonyl-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-3-(4-trifluoromethyl-phenyl)-4.5.6.7-tetrahydro-1H-pyrazolof4.3-clpyridine:

- 1-[3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-3-methylurea:
- 1-{3-[4-(2-Chloro-6-methanesulfonylamino-phenyl)-piperazin-1-yl]-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-sulfonic acid amide:
- N-[3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-methanesulfonamide:
- 1-[4-(2,6-Dinitro-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol; 2-(4-{2-Hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-
- 2-(4-{2-Hydroxy-3-{5-methanesulronyl-3-(4-trilluoromethyl-prinenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-3-methanesulfonylamino-benzoic acid methyl ester:
- $1-[3-[4-(1,1-Dioxo-1H-1\lambda^6-Denzo[d]isothiazol-3-yl]-piperazin-1-yl]-propyl]-5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine;$
- $1-[1-\{3-[4-(6-Chloro-benzothiazol-2-yl]-piperazin-1-yl]-2-hydroxy-propyl\}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone; and$
- 1-[1-[3-(4-Benzo[d]isoxazol-3-yl-piperazin-1-yl)-2-hydroxy-propyl]-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone.
- (original) A compound of claim 1, selected from:
 N-[3-Chloro-2-(4-(2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-methanesulfonamide;
- 1-[3-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-propyl]-3-(4-bromo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide; and
- 1-[3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl]-piperazin-1-yl)-

phenyl]-3-methyl-urea.

- 37. (original) A compound of claim 1, selected from:
- 1-(3-(4-Chloro-phenyl)-1-{4-(4-(2-methoxy-phenyl)-piperazin-1-yl]-butyl}-1,4,6,7-tetrahydro-pyrazolo [4,3-c]pyridin-5-yl)-ethanone;
- 1-[1-(3-[4-[Bis-(4-fluoro-phenyl)-methyl]-piperazin-1-yl}-2-hydroxy-propyl)-3-(4-chloro-phenyl)-1,4, 6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;
- 1-(3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- 1-(3-(4-Chloro-phenyl)-1-(3-[4-(2-chloro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- $1-(3-(4-Chloro-phenyl)-1-\{3-[4-(3-chloro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;$
- $1-(3-(4-Chloro-phenyl)-1-\{3-[4-(4-chloro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl\}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;$
- 1-(3-(4-Chloro-phenyl)-1-(3-[4-(2-fluoro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- $1-(3-(4-Chloro-phenyl)-1-\{3-[4-(4-fluoro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl\}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;$
- 1-(3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(3-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- 1-(3-(4-Chloro-phenyl)-1-[2-hydroxy-3-[4-(4-methoxy-phenyl)-piperazin-1-yl]-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- 1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-phenyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;
- 1-[1-[3-(4-Benzhydryl-piperazin-1-yl)-2-hydroxy-propyl]-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;
- 1-[3-(4-Chloro-phenyl)-1-(3-[4-[(4-chloro-phenyl)-phenyl-methyl]-piperazin-1-yl}-2-hydroxy-propyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;
- 1-(3-(4-Chloro-phenyl)-1-{3-[4-(9H-fluoren-9-yl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

- 1-[1-[3-(4-Benzyl-piperazin-1-yl)-2-hydroxy-propyl]-3-(4-chloro-phenyl)-1.4.6.7-tetrahydro-pyrazolo[4.3-clpyridin-5-yl]-ethanone:
- 3-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-vll-1-[4-(2-methoxy-phenyl)-piperazin-1-vll-propan-1-one:
- 1-[1-{2-Hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;
- 1-(3-(4-Chloro-phenyl)-1-(2-hydroxy-3-[4-(2-trifluoromethyl-phenyl)-piperazin-1-vll-propyl}-1.4.6.7-tetrahydro-pyrazolol4.3-clpyridin-5-vl)-ethanone:
- 1-(3-(4-Fluoro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1.4.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-5-yl)-ethanone;
- 4-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-1-[4-(2-methoxy-phenyl)-piperazin-1-yl]-butan-1-one;
- 1-(1-{2-Hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-p-tolyl-1.4.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-5-yl)-ethanone:
- 1-(3-(4-Chloro-phenyl)-1-{3-[4-(3,4-dichloro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- 1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-pyridin-2-yl-piperazin-1-yl)-propyl]-1.4.6.7-tetrahydro-pyrazolo[4.3-clpyridin-5-yl}-ethanone:
- 1-(3-Biphenyl-4-yl-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- 1-(1-{2-Hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-phenyl-1.4.6.7-tetrahydro-pyrazolo [4.3-c]pyridin-5-yl)-ethanone:
- 1-[1-{2-Hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-(4-methoxy-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;
- 1-[1-[2-Hydroxy-3-(4-pyridin-4-yl-piperazin-1-yl)-propyl]-3-(4-methoxy-phenyl)-1.4.6.7-tetrahydro-pyrazolo[4.3-c|pyridin-5-yl]-ethanone:
- 1-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-one:
- 3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid tert-butyl ester:

- 1-(1-(2-Hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-naphthalen-2-yl-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- 1-(3-(4-tert-Butyl-phenyl)-1-(2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1.4.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-5-yl)-ethanone:
- 1-(3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-vll-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-butan-1-one;
- 1-(3-(4-Chloro-phenyl)-1-(2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-2,2-dimethyl-propan-1-one:
- (3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-(4-methoxy-phenyl)-methanone:
- 3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide;
- 1-[3-(4-Chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propan-2-ol;
- 1-(3-(3,4-Dichloro-phenyl)-1-(2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- 1-[1-{2-Hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;
- 1-[1-{2-Hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-(4-nitro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;
- 1-(3-(4-Chloro-phenyl)-1-{3-[4-(2,4-difluoro-phenyl)-piperazin-1-yl]-2hydroxy-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone; and 2-(4-{3-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-

clpvridin-1-vll-2-hvdroxv-propyl}-piperazin-1-vl)-benzonitrile.

38.

1-(3-(4-Chloro-phenyl)-1-(3-[4-(2,3-dimethyl-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1.4.6.7-tetrahydro-pyrazolof4.3-clpyridin-5-yl)-ethanone:

(previously presented) A compound of claim 1, selected from:

- 1-(3-(4-Chloro-phenyl)-1-{3-[4-(2,4-dimethyl-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- 1-(3-(4-Chloro-phenyl)-1-{3-[4-(2,5-dimethyl-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-1.4.6.7-tetrahydro-pyrazolof4.3-c]pyridin-5-yl)-ethanone:
- 1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(3-methyl-4-p-tolyl-piperazin-1-yl)-propyl]-1.4.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-5-yl}-ethanone:
- 1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(3-methyl-4-m-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;
- 1-(3-(4-Chloro-phenyl)-1-{2-hydroxy-3-[4-(4-trifluoromethyl-pyridin-2-yl)-piperazin-1-yll-propyl}-1, 4.6,7-tetrahydro-pyrazolo[4.3-c]pyridin-5-yl)-ethanone:
- 1-(3-(4-Chloro-phenyl)-1-{3-[4-(3-chloro-5-trifluoromethyl-pyridin-2-yl)-piperazin-
- 1-yl]-2-hydroxy-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- 1-(3-(4-Chloro-phenyl)-1-{3-[4-(3.5-dichloro-pyridin-4-yl)-piperazin-1-yl]-2-
- hydroxy-propyl}-1.4.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-5-yl)-ethanone:
- Trydroxy-propyry-1,4,0,7-tetranydro-pyrazolo[4,5-c]pyridin-5-yr/-etrianone,
- 1-(3-(4-Chloro-phenyl)-1-(4-[4-(2-methoxy-phenyl)-piperazin-1-yl]-but-2-enyl}-1.4.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-5-yl)-ethanone;
- 4-(5-Acetyl-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridin-3-yl)-benzonitrile;
- 1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-pyrimidin-2-yl-piperazin-1-yl)-propyl]-1.4.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-5-yl}-ethanone;
- 1-(3-(2,4-Bis-trifluoromethyl-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- 1-(3-(2,4-Dichloro-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1.4.6.7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone:
- 2-(4-{3-[3-(4-Chloro-phenyl)-5,6-dihydro-4H-cyclopentapyrazol-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;
- 2-(4-(3-[3-(4-Chloro-phenyl)-5,6-dihydro-4H-cyclopentapyrazol-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-phenol;
- $\label{lem:condition} 1-(3-(4-Bromo-phenyl)-1-\{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl\}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;$

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1-{3-(4-Chloro-phenyl)-1-[2-(2-methyl-allyloxy)-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;
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1-[1-[2-Benzyloxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

Acetic acid 1-[5-acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-

c]pyridin-1-ylmethyl]- 2-(4-o-tolyl-piperazin-1-yl)-ethyl ester;

Morpholine-4-carboxylic acid 1-[5-acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4.3-c]pyridin-1-ylmethyl]-2-(4-o-tolyl-piperazin-1-yl)-ethyl ester:

Benzoic acid 1-[5-acetyl-3-(4-chloro-phenyl)-4.5.6.7-tetrahydro-pyrazolo[4.3-

c]pyridin-1-vlmethyl] -2-(4-o-tolyl-piperazin-1-yl)-ethyl ester;

Benzoyl-carbamic acid 1-[5-acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-

pyrazolo[4,3-c]pyridin-1-ylmethyl]-2-(4-o-tolyl-piperazin-1-yl)-ethyl ester;

1-(3-(3-Chloro-phenyl)-1-{2-hydroxy-3-[4-(2-hydroxy-phenyl)-piperazin-1-yl]-propyl}-1.4.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-5-yl)-ethanone:

2-(4-(3-[5-Acetyl-3-(3-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;

tert-Butyl-carbamic acid 1-[5-acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo/4,3-cloyridin-1-ylmethyll-2-(4-o-tolyl-piperazin-1-yl)-ethyl ester:

Carbonic acid 1-[5-acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-

c]pyridin-1-ylmethyl]-2-(4-o-tolyl-piperazin-1-yl)-ethyl ester methyl ester;

 $1-(3-(4-Chloro-phenyl)-1-\{4-[4-(2-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl\}-1-(3-(4-Chloro-phenyl)-1-\{4-[4-(2-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl\}-1-(3-(4-Chloro-phenyl)-1-\{4-[4-(2-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl\}-1-(3-(4-Chloro-phenyl)-1-\{4-[4-(2-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl\}-1-(3-(4-Chloro-phenyl)-1-\{4-[4-(2-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl]-1-(3-(4-(4-(4-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl]-1-(4-(4-(4-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl]-1-(4-(4-(4-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl]-1-(4-(4-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl]-1-(4-(4-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl]-1-(4-(4-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl]-1-(4-(4-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl]-1-(4-(4-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl]-1-(4-(4-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl]-1-(4-(4-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl]-1-(4-(4-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl]-1-(4-(4-hydroxy-phenyl)-piperazin-1-yl]-but-2-enyl]-1-(4-hydroxy-phenyl)-1-(4-hydro$

1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

2-(4-{4-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-but-2-enyl}-piperazin-1-yl)-benzonitrile;

1-(3-(4-Chloro-phenyl)-1-{4-[4-(2-methoxy-phenyl)-piperazin-1-yl]-but-2-enyl}-1.4.6.7-tetrahydro-pyrazolo[4.3-clpyridin-5-yl)-ethanone:

1-(3-(4-Chloro-phenyl)-1-(3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

1-(3-(4-Chloro-phenyl)-1-{5-[4-(2-methoxy-phenyl)-piperazin-1-yl]-pentyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

- 1-(3-(4-Chloro-phenyl)-1-(6-[4-(2-methoxy-phenyl)-piperazin-1-yl]-hexyl}-1,4,6,7-tetrahydro-pyrazolo [4,3-c]pyridin-5-yl)-ethanone:
- 2-[1-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-vlmethyll-2-(4-o-tolyl-piperazin-1-yl)-ethoxyl-acetamide:
- [1-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-ylmethyl]-2-(4-o-tolyl-piperazin-1-yl)-ethoxyl-acetic acid;
- [1-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-ylmethyl]-2-(4-o-tolyl-piperazin-1-yl)-ethoxyl-acetonitrile;
- 1-[1-{3-[4-(2-Bromo-benzenesulfonyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone:
- 2-(4-{3-[3-(4-Chloro-phenyl)-4,5,6,7-tetrahydro-indazol-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;
- 2-(4-{3-[3-(4-Chloro-phenyl)-4,5,6,7-tetrahydro-indazol-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-phenol; and
- 3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid dimethylamide.
- 39. (previously presented) A compound of claim 1, selected from:
- 1-[1-[2-Azido-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo [4,3-c]pyridin-5-yl]-ethanone;
- 1-[1-[2-Amino-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo [4,3-c]pyridin-5-yl]-ethanone;
- 1-{3-(4-Chloro-phenyl)-1-[2-methylamino-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1.4.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-5-yl}-ethanone;
- 3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide:
- 1-[2-Hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid tert-butyl ester;
- $1-(3-(4-Chloro-3-methyl-phenyl)-1-\{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl\}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;$

- 2-(4-(3-[5-Acetyl-3-(4-chloro-3-methyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl]-benzonitrile;
- 1-[1-(3-[4-(2-Chloro-benzenesulfonyl)-piperazin-1-yl]-2-hydroxy-propyl]-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;
- 1-(3-(4-Chloro-2-fluoro-phenyl)-1-(2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-vll-propyl)-1.4.6.7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;
- 2-(4-{3-[5-Acetyl-3-(4-chloro-2-fluoro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]byridin-1-vl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile:
- 1-[3-(4-Chloro-phenyl)-5-methyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-ol;
- 1-{3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-2-phenyl-ethanone;
- 1-[3-(4-Chloro-phenyl)-5-methanesulfonyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-ol;
- 1-[1-(3-[4-(2-Amino-phenyl)-piperazin-1-yl]-2-hydroxy-propyl]-3-(4-chloro-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;
- N-[2-(4-{3-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-phenyl]-methanesulfonamide;
- N-[2-(4-{3-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-phenyl]-acetamide;
- 1-[2-(4-{3-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-phenyl]-3-isopropyl-urea;
- 3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid methylamide:
- 3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid hydrazide:
- 2-(4-{3-[5-Acetyl-3-(4-phenoxy-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yll-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile:
- 3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid phenethyl-amide;

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3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1.4.6.7-
tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid (4-methoxy-phenyl)-amide:
3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1.4.6.7-
tetrahydro-pyrazolo[4,3-c]pyridine-5-carbothioic acid methylamide:
2-(4-{3-[5-Acetyl-3-(4-chloro-3-nitro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-
c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;
1-[2-Hvdroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-iodo-phenyl)-1.4.6.7-
tetrahydro-pyrazolof4, 3-c]pyridine-5-carboxylic acid ethylamide:
N-(5-{5-Acetvl-1-[2-hvdroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-4,5,6,7-tetrahvdro-
1H-pyrazolo[4,3-c]pyridin-3-yl}-2-chloro-phenyl)-methanesulfonamide;
1-{3-(4-Chloro-phenyl)-1-[2-[(1-ethyl-pyrrolidin-2-ylmethyl)-amino]-3-(4-o-tolyl-
piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;
2-(4-{3-[5-Acetyl-3-(4-trifluoromethylsulfanyl-phenyl)-4.5.6.7-tetrahydro-
pyrazolo[4.3-c]pyridin-1-vl]-2-hydroxy-propyl}-piperazin-1-vl)-benzonitrile:
2-(4-{3-[5-Acetyl-3-(3-amino-4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-
c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;
3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1.4.6.7-
tetrahydro-pyrazolo[4.3-c]pyridine-5-carboxylic acid isopropylamide:
3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-
tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid phenylamide;
1-[3-(4-Chloro-phenyl)-4.5.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-1-yl]-3-(4-o-tolyl-
piperazin-1-vl)-propan-2-ol:
1-[3-(4-lodo-phenyl)-4.5.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-1-yl]-3-(4-o-tolyl-
piperazin-1-vl)-propan-2-ol;
2-(4-{3-[5-Acetyl-3-(4-methanesulfonyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-
clpvridin-1-vll-2-hvdroxv-propyl}-piperazin-1-vl)-benzonitrile:
1-[1-{2-Hydroxy-3-[4-(2-hydroxy-phenyl)-piperazin-1-yll-propyl}-3-(4-
methanesulfonyl-phenyl)-1.4.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-5-yl]-ethanone;
1-[3-(4-lodo-phenyl)-5-methanesulfonyl-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-
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1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-ol;

- 1-[2-Hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4, 3-c]pyridine-5-carboxylic acid amide;
- 1-[2-Hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid methyl ester;
- 1-[2-Hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid methylamide;
- $N-[5-(5-Acetyl-1-\{3-[4-(2-cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl\}-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-piperazin-1-yl]-2-hydroxy-propyl-4,5,6,7-piperazin-1-yl]-2-hydroxy-piperazin-1-yl]-2-hydrox$
- tetra hydro-1 H-pyrazolo [4,3-c] pyridin-3-yl)-2-chloro-phenyl]-methane sulfonamide;
- $1 H-pyrazolo [4,3-c] pyridin-3-yl \}-2-chloro-phenyl)-3-ethyl-urea; and \\$
- $1-[5-(5-Acetyl-1-\{3-[4-(2-cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl\}-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridin-3-yl)-2-chloro-phenyl]-3-ethyl-urea.\\$

(previously presented) A compound of claim 1, selected from:
 N-(5-{5-Acetyl-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridin-3-yl}-2-chloro-phenyl)-acetamide;

Acetic acid 2-[5-acetyl-3-(3-amino-4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-1-[4-(2-cyano-phenyl)-piperazin-1-ylmethyl]-ethyl ester:

N-[5-(5-Acetyl-1-{3-[4-(2-cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridin-3-yl)-2-chloro-phenyl]-acetamide;
N-[2-[5-Acetyl-3-(4-chloro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-1-(4-o-tolyl-piperazin-1-ylmethyl)-ethyl]-methanesulfonamide;
1-[3-(4-Chloro-phenyl)-1-[2-(2-pyridin-2-yl-ethylamino)-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;
1-[3-(4-Chloro-phenyl)-1-[2-(2-dimethylamino-ethylamino)-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl}-ethanone;
Carbonic acid 2-[5-acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-1-(4-o-tolyl-piperazin-1-ylmethyl)-ethyl ester methyl ester:

Carbamic acid 2-[5-acetyl-3-(4-trifluoromethyl-phenyl)-4.5.6.7-tetrahydro-

pyrazolo[4,3-c]pyridin-1-yl]-1-(4-o-tolyl-piperazin-1-ylmethyl)-ethyl ester;

1-[5-Ethanesulfonyl-3-(4-iodo-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-ol;

1-[2-Hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4, 3-c]pyridine-5-carboxylic acid methyl ester;

1-[5-(4-Chloro-benzenesulfonyl)-3-(4-iodo-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-ol;

1-[3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl]-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid methylamide;

1-[3-(4-lodo-phenyl)-5-(propane-2-sulfonyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-3-(4-o-tolyl-piperazin-1-yl)-propan-2-ol;

1-[3-[4-(2-Cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl]-3-(4-iodo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carbonitrile;

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4-{3-[5-Acetyl-3-(4-chloro-3-methyl-phenyl)-4,5,6,7-tetrahvdro-pyrazolo[4.3-
clovridin-1-vll-2-hydroxy-propyl}-piperazine-1-carboxylic acid o-tolylamide:
4-{3-[5-Acetyl-3-(4-chloro-3-methyl-phenyl)-4.5.6.7-tetrahydro-pyrazolo[4.3-
c]pvridin-1-vl]-2-hvdroxv-propvl}-piperazine-1-carboxvlic acid (2-methoxv-
phenyl)-amide;
2-(4-{3-[5-Acetyl-3-(3-chloro-4-trifluoromethyl-phenyl)-4.5.6.7-tetrahydro-
pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;
2-(4-{3-[5-Acetyl-3-(3-fluoro-4-trifluoromethyl-phenyl)-4.5.6.7-tetrahydro-
pyrazolo[4.3-c]pyridin-1-vl]-2-hydroxy-propyl}-piperazin-1-vl)-benzonitrile:
2-(4-{3-[5-Acetvl-3-(4-chloro-3-methyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-
c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-ylmethyl)-benzonitrile;
1-(3-(4-Chloro-3-methyl-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-benzyl)-piperazin-
1-vll-propyl}-1.4.6.7-tetrahydro-pyrazolo[4.3-clpyridin-5-vl)-ethanone:
2-(4-{3-[5-Acetvl-3-(4-bromo-3-methyl-phenyl)-4.5.6.7-tetrahydro-pyrazolo[4.3-
c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile:
3-(4-Chloro-phenyl)-1-[2-hydroxy-3-(4-o-tolyl-piperazin-1-yl)-propyl]-1,4,6,7-
tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxamidine;
2-(4-{3-[5-Acetyl-3-(3.4-dichloro-phenyl)-4.5.6.7-tetrahydro-pyrazolo[4.3-
c]pvridin-1-vI]-2-hvdroxv-propvI}-piperazin-1-vI)-benzonitrile:
2-(4-{3-[5-Acetyl-3-(3,4-difluoro-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-
1-vl]-2-hvdroxy-propyl}-piperazin-1-vl)-benzonitrile:
2-(4-{3-[5-Acetyl-3-(3.5-dichloro-phenyl)-4.5.6.7-tetrahydro-pyrazolo[4.3-
clpvridin-1-vl1-2-hvdroxv-propyl}-piperazin-1-vl)-benzonitrile:
2-{4-[3-[5-Acetvl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-
c]pyridin-1-yl]-2-(2-morpholin-4-yl-ethoxy)-propyl]-piperazin-1-yl}-benzonitrile;
2-(4-{2-Hydroxy-3-[3-(4-iodo-phenyl)-5-trifluoromethanesulfonyl-4.5.6.7-
tetrahydro-pyrazolo[4,3-c] pyridin-1-yl]-propyl}-piperazin-1-yl)-benzonitrile:
2-(4-{3-[5-Acetvl-3-(3-chloro-4-methyl-phenyl)-4.5.6.7-tetrahydro-pyrazolo[4.3-
c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-benzonitrile;
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N-[4-(5-Acetyl-1-{3-[4-(2-cyano-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-4,5,6,7-

tetrahydro-1H-pyrazolo[4,3-c]pyridin-3-yl)-phenyll-acetamide:

- 2-(4-{3-[5-Acetyl-3-(4-bromo-3-chloro-phenyl)-4.5.6.7-tetrahydro-pyrazolo[4.3clpvridin-1-vl1-2-hvdroxv-propyl}-piperazin-1-vl)-benzonitrile: 1-(3-(3-Chloro-4-methyl-phenyl)-1-{2-hydroxy-3-[4-(2-methoxy-phenyl)-piperazin-1-vl]-propyl}-1.4.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-5-vl)-ethanone: 1-[1-{3-[4-(2-Azido-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-bromo-phenyl)-1.4.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-5-yl]-ethanone: 2-(4-{3-[5-Acetyl-3-(3-azido-4-chloro-phenyl)-4.5.6.7-tetrahydro-pyrazolo[4.3clpvridin-1-vll-2-hvdroxv-propyl}-piperazin-1-vl)-benzonitrile: 5-Methanesulfonyl-1-[3-(4-o-tolyl-piperazin-1-yl)-propyl]-3-(4-trifluoromethylphenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine; 5-Methanesulfonyl-1-{3-[4-(2-methoxy-phenyl)-piperazin-1-yl]-propyl}-3-(4trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine; 1-[1-{2-Hydroxy-3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-3-(4-nitro-phenyl)-1.4.6.7-tetrahydro-pyrazolo[4.3-c]pyridin-5-yl]-ethanone: 3-(4-Bromo-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid tert-butyl ester; 3-(4-Bromo-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-4.5.6.7tetrahydro-1H-pyrazolo[4,3-c]pyridine:
- 1-(3-(4-Bromo-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone; and 3-(4-Bromo-phenyl)-5-methanesulfonyl-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine.
- 41. (previously presented) A compound of claim 1, selected from: 3-(3,4-Dichloro-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid tert-butyl ester; 3-(4-Bromo-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-sulfonic acid amide; 1-(3-(3,4-Dichloro-phenyl)-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl)-ethanone;

- 3-{3,4-Dichloro-phenyl)-5-methanesulfonyl-1-{3-[4-(2-nitro-phenyl)-piperazin-1-yl]-propyl}-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine;
- 3-(4-Bromo-phenyl)-1-{3-[4-(1,1-dioxo-1H-1λ⁶-benzo[d]isothiazol-3-yl)-piperazin-1-yl]-propyl}-5-methanesulfonyl-4.5.6.7-tetrahydro-1H-pyrazolo[4.3-c]pyridine:
- 1-[1-[3-(4-Benzo[d]is othiaz ol-3-yl-piper a zin-1-yl)-propyl]-3-(4-bromo-phenyl)-propyl]-3-(4-bromo-phenyl)-propyll-3-(4-bromo-phenyll-3-(4-bromo-phenyll-3-(4-bromo-phenyll-3-(4-bromo-phenyll-3-(4-bromo-phenyll-3-(4-bromo-phenyll-3-(4-bromo-phenyll-3-(4-bromo-phenyll-3-(4-bromo-phenyll-3-(4-bromo-phenyll-3-(4-brom
- 1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;
- 1-[3-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-propyl]-3-(4-bromo-phenyl)-5-methanesulfonyl-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine;
- 1-[3-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-propyl]-3-(4-bromo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid tert-butyl ester;
- 1-[3-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-propyl]-3-(4-bromo-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine;
- 1-[3-Chloro-2-(4-(3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-3-methylurea;
- [3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-urea; [3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-carbamic acid methyl ester;
- 1-[3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-3-methyl-urea;
- N-[3-Chloro-2-(4-{3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-methanesulfonamide:
- 1-[4-(2,6-Dimethyl-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol; 1-[1-(3-[4-(2,6-Dimethyl-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;

2-(4-{2-Hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-isophthalonitrile; 2-(4-{3-[5-Acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl]-isophthalonitrile; 1-[4-(2-Chloro-6-nitro-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol; 1-[4-(2-Amino-6-chloro-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol; 3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-benzoic acid methyl ester;

3-Chloro-2-(4-(2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-N-methyl-benzamide:

[3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-phenyl]-morpholin-4-yl-methanone;

1-[4-(2-Chloro-6-morpholin-4-ylmethyl-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol;

3-Chloro-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-N-pyridin-4-ylmethyl-benzamide;

2-(4-{2-Hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-3-nitro-benzoic acid methyl ester;

2-(4-(3-[5-Acetyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-hydroxy-propyl}-piperazin-1-yl)-3-nitro-benzoic acid methyl ester; 3-Acetylamino-2-(4-{2-hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-benzoic acid methyl ester:

2-(4-{2-Hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl]-piperazin-1-yl)-3-methanesulfonylamino-benzoic acid methyl ester;

2-(4-{2-Hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl]-3-nitro-benzamide; 2-(4-{2-Hydroxy-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propyl}-piperazin-1-yl)-3-(3-methyl-ureido)-benzoic acid methyl ester;

1-[4-(2,6-Dinitro-phenyl)-piperazin-1-yl]-3-[5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-propan-2-ol;
1-[1-{3-[4-(2,6-Dinitro-phenyl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;
1-[1-{3-[4-(3,5-Dichloro-pyridin-4-yl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone;
1-{3-[4-(3,5-Dichloro-pyridin-4-yl)-piperazin-1-yl]-propyl}-5-methanesulfonyl-3-(4-trifluoromethyl-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[4,3-c]pyridine;
1-[1-{3-[4-(3,5-Dichloro-pyridin-4-yl)-piperazin-1-yl]-2-hydroxy-propyl}-3-(4-trifluoromethylsulfanyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone:

1-[1-{3-[4-(3,5-Dichloro-pyridin-4-yl)-piperazin-1-yl]-propyl}-3-(4-trifluoromethyl-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-5-yl]-ethanone; 2-(4-{3-[5-Acetyl-3-(4-bromo-phenyl)-4,5,6,7-tetrahydro-pyrazolo[4,3-c]pyridin-1-yl]-2-azido-propyl}-piperazin-1-yl)-benzonitrile;

1-[3-(4-Benzo[d]isothiazol-3-yl-piperazin-1-yl)-propyl]-3-(4-bromo-phenyl)-1,4,6,7-tetrahydro-pyrazolo[4,3-c]pyridine-5-carboxylic acid amide.

- 42. (original) A pharmaceutical composition comprising a compound of claim 1, 30, 31, 33, 34, 35, or 36 and a pharmaceutically acceptable carrier.
- 43. (cancelled) A method for treating a subject with a condition mediated by cathepsin S, said method comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition comprising a compound of claim 1, 30, 31 or 36.
- 44. (cancelled) A method for inhibiting cathepsin S activity in a subject, said method comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition comprising a compound of claim 1, 30, 31 or 36.
 - 45. (cancelled)
 - 46. (cancelled)
 - 47. (cancelled)
- 48. (cancelled) A method for treating or inhibiting the progression of tissue transplant rejection in a subject, said method comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition comprising a compound of claim 1, 30, 31 or 36.
- (cancelled) A method of claim 48, wherein said administration occurs after said subject has undergone a tissue transplant procedure.
 - 50. (cancelled) A method of claim 48, wherein said administration to said

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subject occurs before or during a tissue transplant procedure.